

WORK ORDER 2010-39

Date opened: 19 November 2010

Project: Fixed Cabin Step Prototypes  
Type: Eurocopter AS350/355 SeriesBatch Quantity: 1 Full Length Fixed Step Ass'y (82717-02)  
1 Full Length Commuter Fixed Step Ass'y (82718-03-XX)  
1 Long Commuter Fixed Step Ass'y (82718-02-XX)  
1 Short Commuter Fixed Step Ass'y (82718-01-01)Approval: SH09-38  
Drawing List: DCL827-13

Fabrication and Assembly Drawing(s)	Description
82717, Rev. 0	Long Fixed Cabin Step Ass'y
82718, Rev. 0	Commuter Step Ass'y
82723, Rev. 0	Bracket
82733, Rev. 0	Bracket
82734, Rev. 0	Fixed Cabin Step Parts
82734, Rev. 0	Fixed Commuter Step Parts
82760, Rev. 0	Commuter Step Assembly
82765, Rev. 0	Commuter Step Bracket
82765, Rev. 1	Commuter Step Bracket

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: \_\_\_\_\_

Welder Signature:

Date:



22 Nov 10

Inspector Signature:

Date:

Drawing: 82718 Revision 0  
 Assembly: 82718-01 Short Commuter Step Assembly

Qty Per	Part #	Description	Material	P.O.W.O.	Checked
1 total	82718-01-01	RH Short Commuter Step Assembly			
. 1	78240	Step Extrusion		10009	
. 2	82736-01	Sheet	2024-T3 Aluminum, 0.050 sheet	10051	
. 1	82736-02	Channel	2024-T3 Aluminum, 0.050 sheet	10051	
. 1	82734-03	Cap	6061-T6 Aluminum, 0.050 sheet	9060	
. 1	82734-04	Cone	6061-T6 Aluminum, 3.25 Rod	10044	
. 2	82734-05	Angle	2024-T3 Aluminum, 0.050 Sheet	10051	
. 2	82736-03	Angle	2024-T3 Aluminum, 0.050 Sheet	10051	
. 2	82717-09	Grip Tape	3M Safety-Walk	10093	
. 1	82733-03	Bushing	6061-T6 Aluminum, 0.5 Rod	9001	
. 1	82760-01	Commuter Step Assembly	Below	—	
. . 2	82765-01/02	Bracket	6061-T6 Aluminum, 3.5 x 1 bar	10075	
. . 2	82765-03	Adapter Bracket	6061-T6 Aluminum, 3.5 x 1 bar	10075	
. . 2	3591-4CN375	Self Locking Helicoil		8100	
. . 3	78240	Step Extrusion		10009	
. 1	82733-01	Bracket	6061-T6 Aluminum, 4 x 0.75 bar	10075	
. 1	82733-02	Bushing	6061-T6 Aluminum, 0.625 Rod	10031	
. 2	AN4-42A	Bolt		10049	
. 4	AN960-416	Washer		10049	
. 2	MS21044N4	Nut		10049	
. 2	AN3-35A	Bolt		10049	
. 4	AN960-10	Washer		10049	
. 2	MS21044N3	Nut		10049	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS2685C	ER4043 Rod		
Final Inspection	Drawing 82717			jc

Tag incomplete parts with Work Order # when stored between processes.  
 Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 82718 Revision 0  
 Assembly: 82718-02 Long Commuter Step Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 total	82718-02-XX	Long Commuter Step Assembly			
. 1	78240	Step Extrusion		10009	
. 2	82736-01	Sheet	2024-T3 Aluminum, 0.050 sheet	10051	
. 1	82736-02	Channel	2024-T3 Aluminum, 0.050 sheet	10051	
. 1	82734-03	Cap	6061-T6 Aluminum, 0.050 sheet	9060	
. 1	82734-04	Cone	6061-T6 Aluminum, 3.25 Rod	10044	
. 2	82734-05	Angle	2024-T3 Aluminum, 0.050 Sheet	10051	
. 2	82736-03	Angle	2024-T3 Aluminum, 0.050 Sheet	10051	
. 2	82717-09	Grip Tape	3M Safety-Walk	10093	
. 1	82760-01	Commuter Step Assembly	Below	---	
. . 2	82765-01/02	Bracket	6061-T6 Aluminum, 8 x 1 bar	10100	
. . 3	78240	Step Extrusion		10009	
. . 1	3591-4CN375	Self Locking Helicoil		8100	
. 1	82723-01	Bracket	6061-T6 Aluminum, 3.5 x 1 bar	10075	
. 1	3591-4CN375	Self Locking Helicoil		8100	
. 1	AN4-4A	Bolt		10049	
. 3	AN4-5A	Bolt		10049	
. 4	AN960-416	Washer		10049	
. 2	AN3-35A	Bolt		10049	
. 4	AN960-10	Washer		10049	
. 2	MS21044N3	Nut		10049	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS2685C	ER4043 Rod		
Final Inspection	Drawing 82717			

Tag incomplete parts with Work Order # when stored between processes.  
 Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 82718 Revision 0  
 Assembly: 82718-03 Full Length Commuter Step Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 total	82718-03-XX	Full Length Commuter Step Assembly			
. 1	78240	Step Extrusion		10009	
. 2	82736-01	Sheet	2024-T3 Aluminum, 0.050 sheet	10051	
. 1	82736-02	Channel	2024-T3 Aluminum, 0.050 sheet	10051	
. 1	82734-03	Cap	6061-T6 Aluminum, 0.050 sheet	9060	
. 1	82734-04	Cone	6061-T6 Aluminum, 3.25 Rod	10044	
. 2	82734-05	Angle	2024-T3 Aluminum, 0.050 Sheet	10051	
. 2	82736-03	Angle	2024-T3 Aluminum, 0.050 Sheet	10051	
. 2	82717-09	Grip Tape	3M Safety-Walk	10093	
. 1	82760-01	Commuter Step Assembly	Below	—	
. . 2	82765-01/02	Bracket	6061-T6 Aluminum, 8 x 1 bar	10100	
. . 3	78240	Step Extrusion		10009	
. . 2	3591-4CN375	Self Locking Helicoil		8100	
. 2	82723-01	Bracket	6061-T6 Aluminum, 3.5 x 1 bar	10075	
. . 1	3591-4CN375	Self Locking Helicoil		8100	
. 2	AN4-4A	Bolt		10049	
. 4	AN4-5A	Bolt		10049	
. 6	AN960-416	Washer		10049	
. 2	AN3-35A	Bolt		10049	
. 4	AN960-10	Washer		10049	
. 2	MS21044N3	Nut		10049	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS2685C	ER4043 Rod		
Final Inspection	Drawing 82717			jc

Tag incomplete parts with Work Order # when stored between processes.  
 Tag complete parts / assemblies with Release Tag prior to storage.

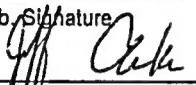
Drawing: 82717 Revision 0  
 Assembly: 82717-02 Full Length Fixed Cabin Step Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 total	82717-02	Full Length Fixed Cabin Step Assembly			
. 1	78240	Step Extrusion		10009	
. 2	82734-01	Sheet	2024-T3 Aluminum, 0.050 sheet	10051	
. 1	82734-02	Channel	2024-T3 Aluminum, 0.050 sheet	10051	
. 1	82734-03	Cap	6061-T6 Aluminum, 0.050 sheet	9060	
. 1	82734-04	Cone	6061-T6 Aluminum, 3.25 Rod	10044	
. 2	82734-05	Angle	2024-T3 Aluminum, 0.050 Sheet	10051	
. 2	82717-09	Grip Tape	3M Safety-Walk	10093	
. 2	82723-01	Bracket	6061-T6 Aluminum, 3.5 x 1 bar	10075	
. . 1	3591-4CN375	Self Locking Helicoil		8100	
. 2	AN4-4A	Bolt		10049	
. 2	AN4-5A	Bolt		10049	
. 4	AN960-416	Washer		10049	
. 2	AN3-35A	Bolt		10049	
. 4	AN960-10	Washer		10049	
. 2	MS21044N3	Nut		10049	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS2685C	ER4043 Rod		
Final Inspection	Drawing 82717			jc.

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39 <sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2010-39	
6. Item	7. Description LH Long Commuter Step Assembly	8. Part Number 82718-02-02	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mm/yyyy) 03 Jan 2011		14d. Name		14e. Date (dd/mm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.          Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.          Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

RETURNED UNINSTALLED.

COMMUTER STEP SECTION REMOVED 02/02/2017 AR

SHIPPED TO SUNDANCE HELICOPTERS

K. HANANASKIS



## **Aero Design Ltd.**

**9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)**

**Quantity:** 1

**PN:** 82723-01

**Aircraft:** Eurocopter

**Model:** AS350/355

**Description:** Brackets

**Supplier:** N/A

**Color:** White

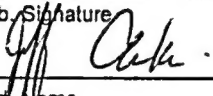
**WO#:** 2011-27

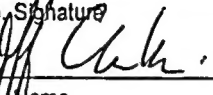
**PO#** N/A

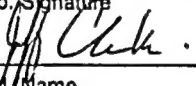



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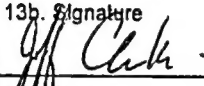



1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39 <sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2010-39
6. Item	7. Description LH Long Commuter Step Assembly	8. Part Number 82718-02-02	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<del>14a. <input type="checkbox"/> CAR 571.10 Maintenance Release</del> <del><input type="checkbox"/> Other regulation specified in block 12</del> <del>Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.</del>		
13b. Signature 		13c. Approved Organization Number AMF 73-04		<del>14b. Signature</del>	
13d. Name Jeff Clarke		13e. Date (dd/mm/yyyy) 03 Jan 2011		<del>14c. Approved Organization Number</del>	
				<del>14d. Name</del>	
				<del>14e. Date (dd/mm/yyyy)</del>	
<b>Installer Responsibilities</b>					
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6. Item	7. Description Bracket	8. Part Number 82723-01	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<del>14a. <input type="checkbox"/> CAR 571.10 Maintenance Release</del> <del><input type="checkbox"/> Other regulation specified in block 12</del> <del>Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.</del>		
13b. Signature 		13c. Approved Organization Number AMF 73-04		<del>14b. Signature</del>	
13d. Name Jeff Clarke		13e. Date (dd/mm/yyyy) 03 Jan 2011		<del>14c. Approved Organization Number</del>	
				<del>14d. Name</del>	
				<del>14e. Date (dd/mm/yyyy)</del>	
<b>Installer Responsibilities</b>					
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1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.		
4. Organization Name and Address <b>AERO Design Ltd. – 2013 39<sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7</b>					5. Work Order/Contract/Invoice <b>WO2010-39</b>		
6. Item	7. Description <b>Clamp Assembly</b>	8. Part Number <b>78620-01</b>	9. Qty. <b>1</b>	10. Serial/Batch No. <b>N/A</b>	11. Status/Work <b>New</b>		
12. Remarks							
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<del>14a. <input type="checkbox"/> CAR 571.10 Maintenance Release</del> <del><input type="checkbox"/> Other regulation specified in block 12</del> <del>Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.</del>				
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number	
13d. Name <b>Jeff Clarke</b>		13e. Date (dd/mmm/yyyy) <b>03 Jan 2011</b>		14d. Name		14e. Date (dd/mmm/yyyy)	
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.          Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.          Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>							

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6. Item	7. Description <b>RH Short Commuter Step Assembly</b>	8. Part Number <b>82718-01-01</b>	9. Qty. <b>1</b>	10. Serial/Batch No. <b>N/A</b>	11. Status/Work <b>New</b>		
12. Remarks							
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<del>14a. <input type="checkbox"/> CAR 571.10 Maintenance Release</del> <del><input type="checkbox"/> Other regulation specified in block 12</del> <del>Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.</del>				
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number	
13d. Name <b>Jeff Clarke</b>		13e. Date (dd/mmm/yyyy) <b>03 Jan 2011</b>		14d. Name		14e. Date (dd/mmm/yyyy)	
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.          Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.          Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>							

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6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	<b>Bracket</b>	<b>82733-01</b>	<b>1</b>	<b>N/A</b>	<b>New</b>	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke</b>		13e. Date (dd/mm/yyyy) <b>03 Jan 2011</b>		14d. Name		14e. Date (dd/mm/yyyy)
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.          Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.          Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

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6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	<b>Bushing</b>	<b>82733-02</b>	<b>1</b>	<b>N/A</b>	<b>New</b>	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke</b>		13e. Date (dd/mm/yyyy) <b>03 Jan 2011</b>		14d. Name		14e. Date (dd/mm/yyyy)
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.          Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.          Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						